





7.2388.1794.1197.0549

amplitude of 200, and small foreground object w/ amplitude et 2002 a) Is this object visible? No because this image will have equal histograms within that range. Because the object is only 2 pixels different than the buckground it will blend into the background and connot be seen b) suggest and explain reasonable gamma value Recourse these values are so close together, and appear on the right side of the spectrum a gamena Value between I and 2 Will suffice. By using this value, the image will become darker and will Show edges within objects that were originally clustered as beight areas. This targe is good for showing detail in oreas that were originally bright

4

period of waveform 7=2 pixels
TV resolution 3840x 2160 and 1439mm x 809 mm 6) Calculate viewing distance such that the frequency in retina is 10 cycles/degree df= 10 mm (10mm) (.744474) 3840 <u>2</u> 143 a - X 3640 x = 2678 X= .749479 mm ,00175 = 000175x = 7.444749 0=010 tan (10) = .00175 X = 4294.195MM